

Title (en)  
CHAIN SAW

Title (de)  
KETTENSÄGE

Title (fr)  
SCIE À CHAÎNE

Publication  
**EP 2366513 A4 20131120 (EN)**

Application  
**EP 09832935 A 20091216**

Priority  
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Abstract (en)  
[origin: EP2366513A1] A chain saw includes a housing, a sprocket wheel which is provided in the housing for driving a saw chain, and a chain guide for guiding the movement of the saw chain. The chain guide extends out longitudinally from the housing and is movable longitudinally relative to the housing. The chain saw includes a chain tensioning device. The chain tensioning device comprises a driven member arranged on the chain guide and a driving member which drives the driven member to move the chain guide longitudinally and a rotating device rotating the driving member. A stepless clutch device is arranged between the rotating device and the driving member. The chain tensioning device presses the chain guide while it tensioning the saw chain. Thus it prevents effectively the chain guide from loosening after the saw chain is tensioned. The operation of the chain tensioning device is labour-saving. The chain tensioning device has a stable structure and it is hard to be worn.

IPC 8 full level  
**B27B 17/14** (2006.01)

CPC (source: EP US)  
**B27B 17/14** (2013.01 - EP US)

Citation (search report)  
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**EP 09832935 A 20091216**; CN 2009075652 W 20091216; US 200913140001 A 20091216; US 201715845678 A 20171218